



EX-15  
EXPRESS MAIL NO. EL 813862814 US

PATENT APPLICATION  
Docket No: 15689.95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )

Takeshi Yoshimura, et al. )

Serial No.: 10/043,546 ) Art Unit

Confirmation No.: 7337 )

Filed: January 10, 2002 )

For: ENCRYPTION APPARATUS, DECRYPTION )  
APPARATUS, AND AUTHENTICATION )  
INFORMATION ASSIGNMENT APPARATUS, )  
AND ENCRYPTION METHOD, DECRYPTION )  
METHOD, AND AUTHENTICATION )  
INFORMATION ASSIGNMENT METHOD )

RECEIVED

FEB 03 2003

Technology Center 2100

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

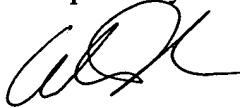
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

DATED January 28, 2003.

Respectfully submitted,

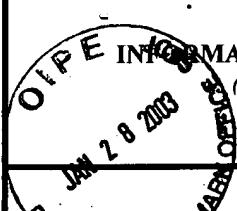


Adrian J. Lee  
Attorney for Applicant  
Registration No. 42,785

WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111  
Telephone: (801) 533-9800  
Facsimile: (801) 328-1707

PATENT TRADEMARK OFFICE

AJL: ds  
W:\15689\95\DS000000249V001.doc



~~INFORMATION DISCLOSURE CITATION~~

**A (Use several sheets if necessary)**

**Docket Number (Optional)**

**15689.95**

**Application Number**

10/043,546

**Applicant(s)**

Takeshi Yoshimura, et al.

**Filing Date**

January 10, 2002

## Group Art Unit

### Not Yet Assigned

## U.S. PATENT DOCUMENTS

RECEIVED

FEB 03 2003

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----|-----------------|------|---------|-------|----------|-------------|----|
|     |                 |      |         |       |          | YES         | NO |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|   |  |
|---|--|
| 3 | <p><b>Thorwirth N J et al: "Security Methods for MP3 Music Delivery"</b><br/> <b>Asilomar Conference On Signals, Systems and Computers, 2000, New York US</b><br/> <b>pages 1831-1835</b></p>  |
| 4 | <p><b>Alattar A M et al.: "Improved Selective Encryption Techniques for Secure Transmission of MPEG Video Bit-Streams"</b><br/> <b>Image Processing, 1999. ICIP 99.</b><br/> <b>Proceedings. 1999 International Conference on Kobe, Japan 24-28 Oct. 1999,</b><br/> <b>Piscataway, NJ, USA, IEEE, US, 24 October 1999 (1999-10-24)</b><br/> <b>pages 256-260</b></p> |

|                 |                        |
|-----------------|------------------------|
| <b>EXAMINER</b> | <b>DATE CONSIDERED</b> |
|-----------------|------------------------|

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
15689.95

In Re Application Of: **Takeshi Yoshimura, et al.**

Serial No.  
10/043,548

JAN 28 2003

Filing Date

January 10, 2002

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Title: **ENCRYPTION APPARATUS, DECRYPTION APPARATUS, AND AUTHENTICATION**

**INFORMATION ASSIGNMENT APPARATUS, AND ENCRYPTION METHOD, DECRYPTION METHOD,  
AND AUTHENTICATION INFORMATION ASSIGNMENT METHOD**

**RECEIVED**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**FEB 03 2003**

**Technology Center 2100**

**37 CFR 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
15689.95

In Re Application: Takeshi Yoshimura, et al.

Serial No.

10/043,546

Filing Date

January 10, 2002

Examiner

Not Yet Assigned

Group Art Unit

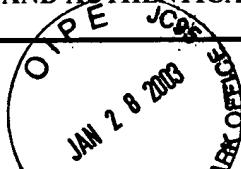
Not Yet Assigned

ENCRYPTION APPARATUS, DECRYPTION APPARATUS, AND AUTHENTICATION

INFORMATION ASSIGNMENT APPARATUS, AND ENCRYPTION METHOD, DECRYPTION METHOD,  
AND AUTHENTICATION INFORMATION ASSIGNMENT METHOD

RECEIVED

FEB 03 2003



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

Technology Center 2100

A check in the amount of \_\_\_\_\_ is attached.  
 The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of \_\_\_\_\_  
 Credit any overpayment.  
 Charge any additional fee required.

Certificate of Transmission by Facsimile\*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

\_\_\_\_\_  
Signature of Person Mailing Correspondence

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

\_\_\_\_\_  
Signature

Dated: January 28, 2003

Adrian J. Lee

Attorney for Applicant

Reg. No.: 42,785



022913

PATENT TRADEMARK OFFICE

CC:

01-30-03

2131

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Takeshi Yoshimura, et al.

Docket No.

15689.95

Serial No.

10/043,546

Filing Date

January 10, 2002

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Invention: **ENCRYPTION APPARATUS, DECRYPTION APPARATUS, AND AUTHENTICATION INFORMATION ASSIGNMENT APPARATUS, AND ENCRYPTION METHOD, DECRYPTION METHOD, AND AUTHENTICATION INFORMATION ASSIGNMENT METHOD**

JAN 28 2003  
PATENT & TRADEMARK OFFICE

I hereby certify that the following correspondence:

(see below)

RECEIVED

FEB 03 2003

Technology Center 2100

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

January 28, 2003

(Date)



022913

PATENT TRADEMARK OFFICE

EL 813862814 US

("Express Mail" Mailing Label Number)

ADRIAN J. LEE

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.

Transmittal for Information Disclosure Statement (2 pages; duplicate);  
 Information Disclosure Statement Under 37 C.F.R. § 1.97 ( 2 pages);  
 Form PTO-1449 Listing of References (1 page);  
 Legible Copy of References;  
 Certificate of Express Mail (EL813862814US);  
 Acknowledgment Postcard